SUBSTITUT		4 PTO-144	9				RTMENT OF COMMERCE	ATTY. DOCKET NO.	·		Sheet SERIAL	NO.		
(MODIFIED		,	INFORM			PATENT AN ISCLOSURE APPLICANT	D TRADEMARK OFFICE	O7265/127001 APPLICANT: Se-Jin Lee, et a	əl.		08/847,			
						; if necessary	')	FILING DATE 4/28/97			GROUP 1646	····		
(37 CFR 1	.98(b))												
								1		<u> </u>	<u>.l</u>			
						1	U.S. PATENT DO	CUMENTS	 -			F11 1NC	G DATE	
EXAMINER INITIAL		PATEN	אטא זי	BER		ISSUE DATE	PATENTEE			CLASS	SUBCLASS			
	AA							·					,,	
	AB			-						· · · · · · · · · · · · · · · · · · ·				
<u></u>	AC		$\vdash \vdash$	-	_					-				
	AD		╂╌╂╌	-			_	· <u></u>						
<u> </u>	AE		1_1_	ــنـــ			CUY OR DURI I CUED FO	DEICH BATENT ADDI 1	CATION		<u> </u>			
	1	FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION										TRANSLATION		
		DOCUMENT NUMBER		ł	PUBLICATION		OUNTRY OR		CLASS	SUBCLASS	YES	NO		
						DATE	PAT	ENT OFFICE .						
	AF													
	AG						, , , , , , , , , , , , , , , , , , , ,				·			
	AI													
	AJ						,						<u> </u>	
			•	OT	HER	DOCUMENTS (in	ncluding Author, Ti	tle, Date, Place o	f Publicat	ion)				
A	AK	MCDOWELL Tissues see Abst	of Da	iry	Cow	ects of Exoge s in Mid-Lact	nous Growth Hormone ation. Australian	on Milk Productio Journal of Biologi	on and Nutr	ient Up	take by Mu	scle and 3, pages	Mammary 295-306,	
PT	AL	EVOCK et	t al. milar	Pit Mann	uit er.	ary Porcine G Journal of	rowth Hormone (pGH) Animal Science, Vol	and a Recombinant . 66, No. 8, pages	pGH Analo	og Stim. 1, see A	ulate Pig (Abstract.	Frouth Per	rformance	
		FLAKOLL	et al	. 1	nfi	uence of Alph	a-Ketoisocaproate o	n Lamb Growth, Fee	d, Convers			Composit	ion.	
-	AH							m Chicken Embryos	Affected	by Wofat	tox 50 EC.	Archive	s of	
_	AN .	FAULKNES	I et al. Biochemical Study of Muscle Samples from Chicken Embryos Affected by Wofatox 50 EC. Archives of icology, Vol. 8, pages 277-279, see Abstract. 1905 LKNER et al. Effect of Testosterone Propionate on Performance and Carcass Characteristics of Heifers and Cows. rnal of Animal Science, Vol. 67, No. 8, pages 1907-1915, see Abstract. 1989											
_	AO										kov 1 šese j	Using Pac	triction	
	, AP	ZHU et a Fragment 1067-10	t Leng	th F	oly	morphism Anal	ecompatibility Complysis with Nonradioa	ex Class II Haplot ctive DNA Detectio	on. Poult	ry Scie	nce, Vol.	74, No. 7	, pages	
EXAMINER			2~				D	ATE CONSIDERED	1-26	7-06				
	//					red. Draw lin o applicant.	ne through citation	if not in conform	ance and r	not cons	idered. I	nclude co	opy of	

•							_		Sheet	1 of	1_							
SUBSTITUTE FORM PTO-1449 S. DEPARTMENT OF COMMERC (MODIFIED) PATENT AND TRADEMARK OFFIC							ATTY. DOCKET & SERIAL NO. 08/862,445											
		STA	TEMENT	BY	DISCLOSURE APPLICANT		APPLICANT: Lee et al.											
	4 00/1	·	eral si	1661	s if necessar	7)	FILING DATE 05/23/97	GROUP 1801										
(37 CFR	1.98(1	2))				U.S. PATENT DO	CUMENTS											
EXAMINER					ISSUE					FILIN	G DATE							
INITIAL		PATENT	NUMBER	_	DATE	PATENTEE		CLASS	SUBCLASS	IF APPROPRIATE								
	AA		┼┼-	-			•											
	AB	++++	++	+														
	AC	+++-	+-	+														
	AD	╁╂╂		\dagger				1		<u> </u>								
	AE			٠	ECREICN DAT	ENT OF PURITSHED FOR	REIGN PATENT APPLICATION		<u> </u>		1							
		Ţ	*		TOREIGN TAT	CAT ON PODEIGNED TO			<u> </u>	TRANSLATION								
		DOCUMENT	NUMBE	R	PUBLICATION		COUNTRY OR PATENT OFFICE			YES	NO							
	AF				DATE	PAIL	, NT OFFICE											
	AG																	
	HA																	
	Al																	
	AJ																	
			01	HE R	COCUMENTS (i)	ncluding Author, Tit	le, Date, Place of Pub	lication)										
9	AK	Bowie et al 247:1307-13		cip	hering the Mes	sage in Protein Sequ	uences: Tolerance to Ar	nino Acid Su	bstitution	s", Scien	ce,							
	AL		Rudlinger, "Characteristics of the amino acids as components of peptide hormone sequence", Peptide Hormones. Parsons Ed., University Park Press, Baltimore, pp. 1-7 1976															
	AM	Wells, "Additivity of Mutational Effects in Proteins", Biochemistry, 29:8507-17 1990																
	AN .						ructure Prediction, and rtz et al., eds., Birk				otein 994							
			 				tion factors", Cell. 49		1987									
	AP	Callard et	al., '	IL.	ı", The Cytoki	ine FactsBook, Academ	nic Press, London, pp.	31-2	1994									
	AQ	T							Substitutions", Science, Jence", Peptide Hormones. Jence", Peptide Hormo									
		Lee, "Expre	Novel Pattern of Cysteines*", The Jounnal of Biological Chemistry, 268(5):3444-49 (1993) Lee, "Expression of growth/differentiation factor 1 in the nervous system: Conservation of a bicistronic structure", Proc. Natl. Acad. Sci. USA, 88:4250-54 (1991)															
		Lee, "Ident	ificat	ion		ember (GDF-1) of the		actor-β Supe	rfamily",	Molecular	•							
					oc isolation	NOT PATT	roled											
EXAMINER		112					IE CONSIDERED /- 3	26-06										
	_				ed. Draw lin	e through citation i	f not in conformance a	nd not cons	idered. I	nclude co	py of							

#S"	
6.10	98
4	10

									<u> </u>				Sheet	1 of			
SUBSTITUTE FORM PTO-1449 (MODIFIED) OF COMMERCE PATENT AND TRADEMARK OFFICE									PATENT A	ARTHENT OF COMMERCE ND TRADEMARK OFFICE	ATTY. DOCKET NG SERIAL NO. 07265/131001 08/947-089						
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)										APPLICANT: Se-Jin Lee and Alexandra McPherron						
		1	(USE	: 56	eve	гац	Sn	eet	s if necessar	,	FILING DATE		GROUP				
(37 CFR 1.98(b))											11/10/1997	///	134				
(37 CFR	1.98(1))															
		·								U.S. PATENT DO	CUNENTS	γ	· · · · · · · · · · · · · · · · · · ·		 		
EXAMINER INITIAL			PA'	TEN'	T N	UMB	BER	·	I SSUE DATE	. Р	ATENTEE	CLASS	SUBCLASS	FILING DATE 1F APPROPRIATE			
	AA					_		_			·						
	AB.						_	_									
	AC					_		L							69		
	AD														200		
	AE	Ц												_0			
	AF							Ŀ						9,	S		
	AG									·							
	_AH																
	AI																
	AJ													·			
	AK																
									FOREIGN PAT	ENT OR PUBLISHED FOR	EIGN PATENT APPLICATION						
		DOCUMENT NUMBER											TRANSLATION				
						BER	}	PUBLICATION	1	UNTRY OR	CLASS	SUBCLASS	l				
	-								DATE	PATE	NT OFFICE		-	159			
	AL								· · · · · · · · · · · · · · · · · · ·								
	AM	-										 			 		
	AN	-								<u> </u>							
	AO	-										1					
	AP	<u></u>							1			<u></u>	<u>. </u>		ł		
	Γ	<u> </u>						_	,		le, Date, Place of Public						
7×4	AQ			-			-			vostatin (GDF8) in De Spring Harbor Labor	ouble-Muscled Belgian Blu atory Press	ue and Pie	dmontese C	attle"; G	enome		
1		1						_	·		the Hoof"; Science, Vol.	277, 26	Sept. 1997	, pgs. 19	22-1923		
											ture Genetics, Vol. 17,				"Total and the state of the sta		
24	AT			-					eletion in the		ene causes the double-mus	scled phen	otype in c	attle";	Nature		
EXAMINER	7	X							7		TE CONSIDERED	g gr		-26-0	6		
	1 1	ini										I not some					
								•	epplicant.	~ cirrogn creation 1	f'not in conformance and	THE CONST	iwereu. II	ntude to	<i>P7</i>		